

NOvA Project Configuration Management

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Overview

NOVA's Configuration Management Program

- Conforms to
 - DOE O 413.3 Contractor Requirements
 - National Consensus Standard for Configuration Management ANSI/EIA-649-1998 (EIA-649)
- Is tailored for the NOvA Project
 - Table 2 of CMP outlines how EIA-649's 50 CM principles will be addressed
 - Applicable to
 - Hardware and software components
 - Specifications and drawings
 - Management documents & other support documents
- Coordinates with other NOVA PM documents
 - Project Execution Plan
 - Project Management Plan
 - Risk Management Plan
- Is ready to be executed



Purpose of CM

To ensure that:

- Baselines are defined and documented
- Documentation is identified, released and controlled
- A Configuration Control Board (CCB) is established and functions according to CMP guidelines
- Changes to the baseline are evaluated and controlled
- Approved configuration changes are implemented and tracked
- Configuration status accounting is accomplished

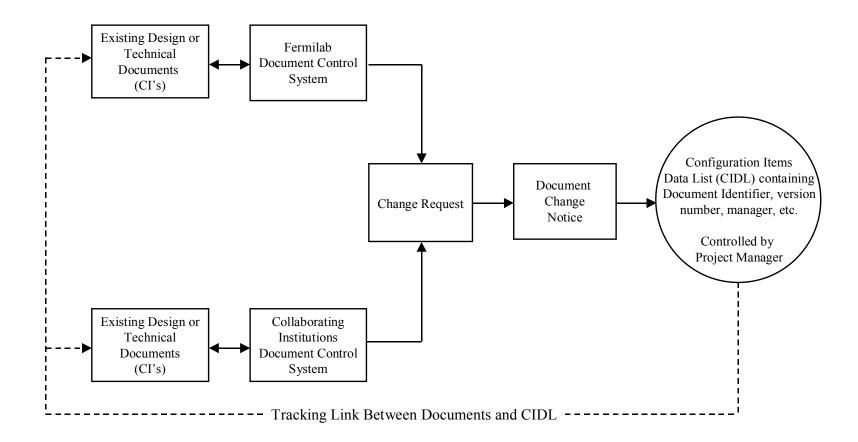


CM Tools

- NOvA docDB
 - Tracks versions of documents and retains history
 - Limits access to documents as necessary
- Deltek OpenPlanTM and CobraTM
 - Project scheduling and reporting tools
 - Controls and tracks changes to the cost/schedule baseline
- Fermilab PPD & AD drawing/spec document management systems called I-DEAS Team
- Concurrent Version System (CVS) for software CM



Document Identification and Control





CM Process Documents

Change Request Form(CR)

Approvals:			DISTR	IBUTION
(NOvA Project O	ffice N	R No. Assigned by PM) OVA-CR- Date:	
CHANGE REQ	CHANGE REQUEST (CR)		Page _1_ of	
Title				
Originator:	Email:			
IS: Change Type:		Type: Te	chnical Schedu	le Co
Affected Items:				_
Affected Items:				
CCB ACTION Accepted Reject	cted Other		DATE:	
Explanation:				
explanation:				
	3	4		
Level of Change	(Directorate)	(NOvA PM)	(Level 2 Manager)	
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Document Change Notice (DCN)

(2011)				
NOVA Project Office DOCUMENT CHANGE NOTICE (DCN)		DCN No. (Assigned by PM) NOVA-CN- Previous DCN No. (if applicable)		
		Date: Rev. Date		
Change Title				
Originator:	Email:			
WBS:	Document, System of	r Component:		
CCB ACTION DATE: AcceptedRejectedOther	Hardware Change Software Change Record Change Onl	YESNONOYESNO		
Serial or ID#s of affected systems or components				
Reason for Change				
Acknowledgements/Completed Actions				
Originator	Document Manager			
Level 2 Manager	CIDL Update Complete			
Relevant Project Engineer	Other (specify)			